Animal Genetics INCORPORATED
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Canine Genetic Testing Report

Submitted By

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Goldendoodles Forever
14987 Budd Rd
Dubuque, IA 52002

Subject Dog 00261413

Date Received: 5/14/2021

Dog Name: **GDF's Rowdy**
Breed: Goldendoodle
Phenotype: Red
Registration:
Microchip:
Sex: Female
Birth: 03/09/2021

Sire

Sire Name: Brinkley
Breed: Goldendoodle
Registration:
Phenotype:

Dam

Dam Name: Braelynne
Breed: Goldendoodle
Registration:
Phenotype:

Coat Color Testing

X	A Locus-Ay	n/AY	Dog has one copy of the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n	Negative for wild-sable.
X	A Locus-At	n/At	Dog has one copy of the tan points/tricolor gene.
X	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
X	B Locus	b/b	Dog has two copies of the brown/chocolate gene. All black pigment will be modified to brown/chocolate pigmentation.
	Cocoa		*Not Tested*
X	D Locus	D/D	Dog is negative for the dilution gene.
X	E Locus- EM	n/n	Dog does not carry allele for melanistic mask.
X	E Locus- e	e/e	The dog is yellow-based, and will always pass on a copy of the yellow allele to any offspring.
X	K Locus-KB	n/KB	Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.
X	Spotting	N/N	Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin		*Not Tested*
	Merle		*Not Tested*

Coat Type Testing

X	Hair Length	l/l	Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	n/n	Non-Curly Coat: Dog does not carry the mutation for coat curl.
X	Furnishings	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
X	Shedding	n/SD	Moderate: Dog has one copy of the shedding allele, and is likely to be a moderate shedder.

Genetic Disorders

X	CDDY	N/N	Dog is negative for the CDDY mutation.
X	CDPA	N/N	Dog is negative for the CDPA mutation.
X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	GR-PRA1	n/n	Clear: Dog tested negative for the GR-PRA1 mutation.
X	GR-PRA2	n/n	Clear: Dog tested negative for the GR-PRA2 mutation.
X	Ich	n/n	Clear: Dog tested negative for the Ichthyosis mutation.
X	MD	n/n	Clear: Dog tested negative for the Muscular Dystrophy mutation.
X	NEwS	n/n	Clear: Dog tested negative for the NEwS mutation.
X	prcd-PRA	n/n	Clear: Analysis indicates dog is negative/clear for the prcd-PRA mutation.
X	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type I mutation.

Genetic Marker Results

Run Date: *Not Tested*

- AHT121	- AHT137	- AHTh171	- AHTh260	- AHTk211	- AHTk253	- C22-279
- CAN-AMEL	- FH2054	- FH2848	- INRA21	- INU005	- INU030	- INU055
- REN54P11	- REN162C04	- REN169D01	- REN169O18	- REN247M23		

Additional Comments

A-Panel: Ay/At - Dog is fawn and carries black-and-tan.
E-Panel: e/e-Dog has two copies of the recessive yellow allele and will express the yellow phenotype. Dog does not carry the melanistic mask allele.